



Automation specialists

Reference: 3RA1110-0FA15-1BB4

LOAD FEEDER FUSELESS DIRECT STARTING, AC 400V, SIZES00 0.35...0.5 A, DC 24 V, 1NO(CONTACTOR), SCREW CONNECT. FOR MOUNTING ONTO STANDARD MOUNTING RAILS, TYPE OF COORDIN. 2, IQ = 50 KA

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product brand name	SIRIUS
Product designation	non-fused load feeder
Design of the product	direct starter
Manufacturer's article number	
of the supplied contactor	3RT1015-1BB41
of the supplied circuit-breakers	3RV1011-0FA10
of the supplied link module	3RA1911-1AA00
General technical data:	
Size of load feeder	500
Insulation voltage	
rated value	690 V
Degree of pollution	3
Surge voltage resistance rated value	6 kV
Protection class IP	
on the front	IP20
Shock resistance	9.8g
Mechanical service life (switching cycles)	
of contactor typical	30 000 000
Type of assignment	2
Equipment marking	

stc. to DN 0719 extended according to IEC 200-2 acoacc. to DN EN 0346-20Arcter NE 03164-20Arcter NE 03164-20Arbient conditions:0Arbient conditions:0Arbient conditions:0during operation0during operation0during operation0Arbient conditions:0Mumeer oples for main current circuit3Arbient conditions:0Arbient conditions:		
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Number of poles for main current circuit3Design of the switching contactelectromechanicalAdjustable pick-up value current of the current- dependent overload release0.35 0.5 AType of the motor protectionbimetalOperating voltageat AC-3 rated value maximum400 VOperating currentat AC-3- at 400 V rated value0.4 AOperating powerat AC-3- at 400 V rated value0.12 kWNo-load switching frequencyDCOutrole witching frequencyDCControl circuit/ Control:Type of the control supply voltageDCControl supply voltage 124 Vat DC rated value1Auxiliary circuit:YesProduct extension Auxiliary switchYesMumber of NO contacts1Auximum short-circuit current breaking capacity (clu)50 kAShort-circuit protectionSo kA	during storage	-55 +80 °C
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A constraint0.4 AOperating power-at AC-3 at 400 V rated value0.12 kW- at 400 V rated value15 1/sNo-load switching frequency15 1/sControl circuit/ Control:-Type of voltage of the control supply voltageDCControl supply voltage 1-at DC rated value24 VAuxiliary circuit:-Product extension Auxiliary switchYesNumber of NO contacts1for auxiliary contacts1Auxim short-circuit current breaking capacity (lcu)50 kAAt 400 V rated value50 kAShort-circuit protectionYes	Operating current	
Operating powerImage: Constraint of the second	at AC-3	
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Type of voltage of the control supply voltage DC Control supply voltage 1 at DC rated value 24 V Auxiliary circuit: Yes Product extension Auxiliary switch Yes for auxiliary contacts 1 Protective and monitoring functions: 1 Maximum short-circuit current breaking capacity (lcu) 50 kA Short-circuit protection 50 kA Short-circuit protection Yes	No-load switching frequency	15 1/s
Control supply voltage 1 24 V at DC rated value 24 V Auxiliary circuit: Yes Product extension Auxiliary switch Yes Number of NO contacts 1 for auxiliary contacts 1 Protective and monitoring functions: 50 kA start 400 V rated value 50 kA Short-circuit protection Yes	Control circuit/ Control:	
at DC rated value 24 V Auxiliary circuit: Yes Product extension Auxiliary switch Yes Number of NO contacts 1 for auxiliary contacts 1 Protective and monitoring functions: 50 kA Short-circuit protection 50 kA Short-circuit protection Yes	Type of voltage of the control supply voltage	DC
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Product extension Auxiliary switch Yes Number of NO contacts 1 for auxiliary contacts 1 Protective and monitoring functions:	at DC rated value	24 V
Number of NO contacts I for auxiliary contacts 1 Protective and monitoring functions: I Maximum short-circuit current breaking capacity (lou) I at 400 V rated value 50 kA Short-circuit protection I Product function Yes	Auxiliary circuit:	
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Maximum short-circuit current breaking capacity (Icu) at 400 V rated value 50 kA Short-circuit protection	for auxiliary contacts	1
at 400 V rated value 50 kA Short-circuit protection	Protective and monitoring functions:	
Short-circuit protection Product function Short circuit protection Yes	Maximum short-circuit current breaking capacity (Icu)	
Product function Yes	at 400 V rated value	50 kA
Short circuit protection Yes	Short-circuit protection	
	Product function	
Design of short-circuit protection	Short circuit protection	Yes
	Design of short-circuit protection	circuit-breakers

Installation/ mounting/ dimensions:	
Mounting position	with vertical mounting surface $+/-90^{\circ}$ rotatable, with vertical mounting surface $+/-22.5^{\circ}$ tiltable to the front and back
Mounting type	snap-on mounting
Height	159 mm
Witd>	45 mm
Depth	75 mm
Required spacing	
with side-by-side mounting	
— at the side	0 mm
for grounded parts	
— forwards	10 mm
— Backwards	0 mm
— upwards	20 mm
— at the side	9 mm
for live parts	
— forwards	10 mm
— Backwards	9 mm
— downwards	0 mm
— at the side	20 mm
Connections/Terminals:	
Type of electrical connection	
for main current circuit	screw-type terminals
Type of connectable conductor cross-sections	
for main contacts	
— solid	0.5 4 mm², 2x (0.75 2.5 mm²)
— stranded	0.5 4 mm², 2x (0.75 2.5 mm²)
- finely stranded with core end processing	0.5 2.5 mm², 2x (0.5 2.5 mm²)
at AWG conductors for main contacts	2x (18 14)
Connectable conductor cross-section for main contacts	
single or multi-stranded	0.5 4 mm²
finely stranded with core end processing	0.5 2.5 mm²
AWG number as coded connectable conductor cross section	
for main contacts	18 14
Communication/ Protocol:	
Product function Bus communication	No
Protocol	

is supported PROFIBUS DP protocol	No	
is supported PROFINET protocol	No	
Protocol is supported		
AS-interface protocol	No	
Inputs/ Outputs:		
Number of digital inputs	0	